

# ***HV Test Set 50/80/110 kV***



Portable HV test set for  
DC voltage testing of cables  
and cable installations

**sebaKMT**

# HV Test Set 50/80/110 kV

## Description:

The HV Test Set is a cable tester for DC voltage testing of cables and cable installations in accordance with VDE standards. It consists of an operation unit and HV Unit. The small size and low weight of the set mean that it can be transported and used on site.

The HV Test Set is available in three versions (50/80/110 kV) as a portable high-voltage tester for use on site.

## Salient features:

- Easy operation.
- Low weight and compact design.
- Integrated discharge device.
- Earthing safety circuit.
- Overcurrent tripping.
- Guaranteed quality in accordance with DIN EN ISO 9001.
- Ecologically safe insulant.

The HV Test Set 50/80/110 kV is used for:

- Testing of newly installed cables and splices before they are taken into service.
- Periodical cable testing.
- Testing electrical installations.
- Preventive checks after repairs and work on telecommunication cables and other installations.

## Ordering information:

**HV Test Set 50 kV                      Article No. 3003 216**

**HV Test Set 80 kV                      Article No. 3003 204**

**HV Test Set 110 kV                    Article No. 3003 181**

The delivery of **HV Test Set 50/80/110 kV** included:

- Operation unit with leather case.
- HV unit with HV attachment.
- Connecting lead, operation unit to HV unit.
- High-voltage lead, 2 m.
- Earthing lead, 3 m HV unit to station earth.
- Earthing lead, 3 m, operation unit to station earth.
- Earthing and discharge rod with ground cable and case.
- Operation manual.
- Service pack.



## Technical Data:

DC output voltage / Voltage measuring range:

HV Test Set 50 kV	0 ... 50 kV
HV Test Set 80 kV	0 ... 80 kV
HV Test Set 110 kV	0 ... 110 kV

Output current at max. output voltage:

HV Test Set 50 kV	6 mA
HV Test Set 80 kV	5 mA
HV Test Set 110 kV	4 mA

Overcurrent trip:

HV Test Set 50 kV	> 8 mA
HV Test Set 80 kV	> 7 mA
HV Test Set 110 kV	> 6 mA

Current measuring range: 0.1 mA / 1 mA / 10 mA

Power supply: 230 V AC, 50 Hz

Power consumption: approx. 0.9 kVA

Operating temperature range: -25 °C to +55 °C

Storage temperature range: -40 °C to +70 °C

Weight:

HV Test Set 50 kV	Operation Unit/ HV Unit
HV Test Set 80 kV	approx. 13 kg/ approx. 17.0 kg
HV Test Set 110 kV	approx. 13 kg/ approx. 18.5 kg
	approx. 13 kg/ approx. 20.0 kg

Dimensions (W/H/D):

HV Test Set 50 kV	400/335/200 mm / 214/460/236 mm
HV Test Set 80 kV	400/335/200 mm / 214/560/236 mm
HV Test Set 110 kV	400/335/200 mm / 214/670/236 mm

## Environment protection:

The need for ecological safety is met by the use of a new type of biodegradable, non-toxic insulating oil.

**DIN ISO-9001**

**sebaKMT**

**seba  
dynatronic**

**hagenuk KMT**  
KABELMESSTECHNIK GmbH

Product Range: Instruments and Test Vans for Fault Location in Power and Telecommunication Networks and for Leak Detection in Water and Sewage Networks • Cable and Pipe Locators • Seminars

SebaKMT Sales • 96148 Baunach/Germany • Phone +49-(0) 95 44 - 68 0 • Fax +49-(0) 95 44 - 22 73  
E-mail: sales@sebakmt.com • Internet: www.sebakmt.com

Technical data subject to change without notice.

HV Test Set\_02/01\_GB\_Slu\_Neu